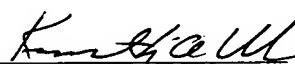


**DI20 Rec'd PCT/PTO U 2 SEP 2004**

FORM PTO-1390 (REV. 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 015280-458000US	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) To be assigned <b>10/506651</b>	
INTERNATIONAL APPLICATION NO. PCT/US2002/007144		INTERNATIONAL FILING DATE 5 March 2002 (5.03.02)		PRIORITY DATE CLAIMED	
TITLE OF INVENTION <b>HIV-1 ENVELOPE GLYCOPROTEINS STABILIZED BY FLEXIBLE LINKERS AS POTENT ENTRY INHIBITORS AND IMMUNOGENS</b>					
APPLICANT(S) FOR DO/EO/US <b>DIMITROV, Dimiter, Stanchev; CHOW, Yen-Hung; PHOGAT, Sanjay Kumar; BRODER, Christopher Charles</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
Items 11 to 20 below concern document(s) or information included:					
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information:					
<b>EXPRESS MAIL NO. EV 383386248 US, mailed September 2, 2004; WO Publication WO 2003/077838 A2;          WO Publication WO 2003/077838 A3 (International Search Report);          Form PCT/IB/301 (Notification of Receipt of Record Copy); Return Receipt Postcard</b>					

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) Unassigned <b>10/506651</b>		INTERNATIONAL APPLICATION NO. PCT/US2002/007144		ATTORNEY'S DOCKET NUMBER 015280-458000PC	
21. <input type="checkbox"/> The following fees are submitted:				<b>CALCULATIONS PTO USE ONLY</b>	
Surcharge of \$65.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	84 - 20 =	64	x \$18.00	\$ 1152.00	
Independent claims	6 - 3 =	3	x \$86.00	\$ 258.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				\$	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$ 1410.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. (\$65.00 Fee already reduced)				\$	
<b>SUBTOTAL =</b>				<b>\$1410.00</b>	
Processing fee of \$ for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL FEE =</b>				<b>\$1410.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1410.00</b>	
				Amount to be refunded:	\$
				charged:	<b>\$1410.00</b>
<p>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>20-1430</u> in the amount of <b>\$1410.00</b> to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>20-1430</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>					
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b) must be filed and granted to restore the application to pending status.</p>					
SEND ALL CORRESPONDENCE TO:					02 Sept 2004
Kenneth A. Weber, Esq. Townsend and Townsend and Crew LLP Two Embarcadero Center, 8th Floor San Francisco, CA 94111-3834P			SIGNATURE		DATE
			Kenneth A. Weber		
			NAME		
			31.677		
			REGISTRATION NUMBER		

TOWNSEND  
*and*  
TOWNSEND  
*and*  
CREW  
LLP

Palo Alto, California  
Tel 650 326-2400

Walnut Creek, California  
Tel 925 472-5000

San Diego, California  
Tel 858-350-6100

Denver, Colorado  
Tel 303 571-4000

Seattle, Washington  
Tel 206 467-9600

**San Francisco**

Two Embarcadero Center  
8th Floor  
San Francisco  
California 94111-3834  
Tel 415 576-0200  
Fax 415 576-0300

November 16, 2004

VIA REGULAR MAIL

Susan O. Ano, Ph.D.  
National Institutes of Health  
Office of Technology Transfer  
6011 Executive Boulevard  
Suite 325  
Rockville, MD 20852-3804

1. National Phase Filing of PCT/US2002/007144; Filed March 5, 2002
2. DHHS Ref. No.: E-039-2002/0-US-02
3. Our Ref. No.: 015280-458000US
4. Immediate Lineage: Derived From: NA
5. Inventor(s): The Government of the United States of America, as Represented by the Department of Health and Human Services
6. Title: HIV-1 ENVELOPE GLYCOPROTEINS STABILIZED BY FLEXIBLE LINKERS AS POTENT ENTRY INHIBITORS AND IMMUNOGENS
7. Action Requested: Execute Declaration
8. Requested Response Due Date: 11/15/04
9. Deadline Date: 12/13/04
10. Relevant Work Order: T&T377-04

Dear Dr. Ano:

Please be advised that we today (November 16, 2004) responded to the Notice to File Missing Parts issued by the United States Patent and Trademark Office in regards to the above referenced application. Please find enclosed for your records a complete copy of said response.

If you have any questions, or if I may be of any further assistance, please do not hesitate to contact me.

Regards,



Kennedy Koblin MBA  
International Paralegal / Patent Agent

Enclosure

cc: K. Maurey  
Dr. Dimiter Stanchev Dimitrov

60356489 v1